

DPP 1200
System Setup Guide

This guide reflects the software as of December 2012.

Additional copies of this manual may be obtained by writing or calling:

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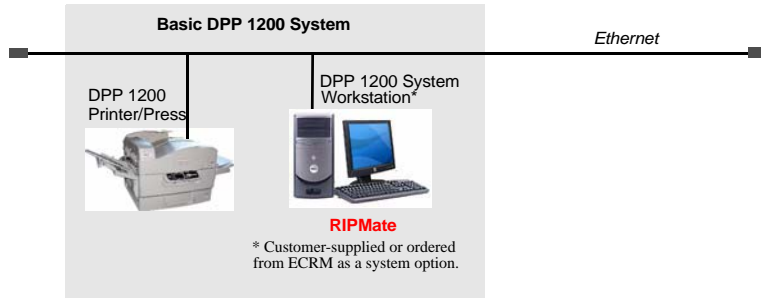
Introduction

This document will help you set up your DPP 1200 system. The scope of your task will depend on the complexity of your system.

System Configurations

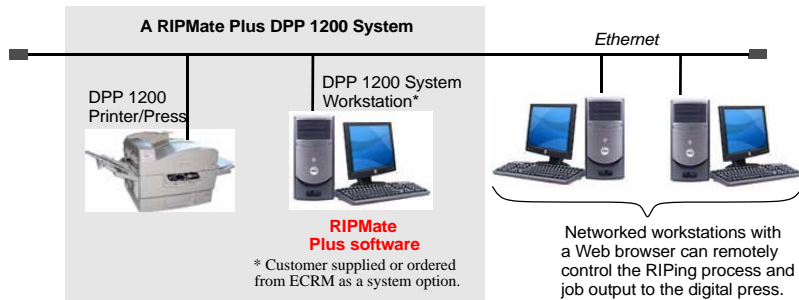
The simplest DPP 1200 system includes:

- an ECRM DPP 1200 printer/digital press, and
- an ECRM **RIPMate** RIP, running on a networked PC System Workstation.

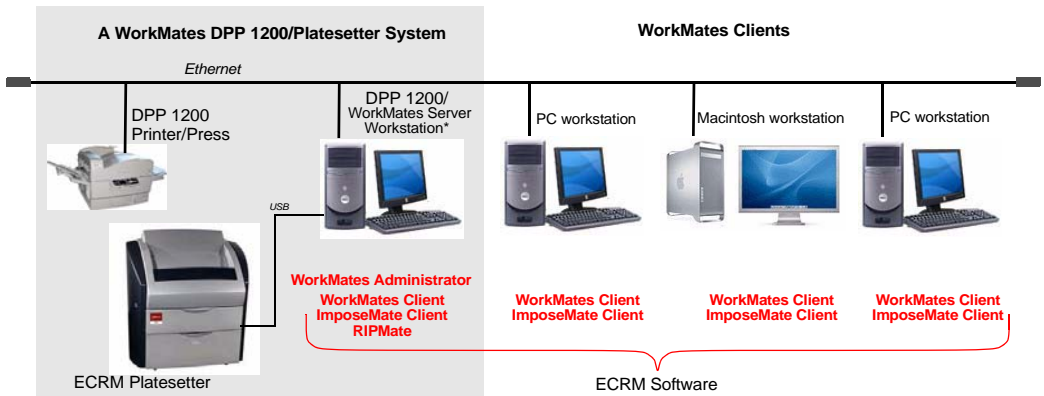


However, a typical system is usually more complex, like the one shown on the next page. It runs under ECRM **RIPMate Plus** software, which includes the RIPMate RIP, plus additional software that enables remote workstations to control the RIPing process and job output. With this configuration, any networked workstation can be used to view, roam, and zoom (in or out) on any part of the

rasterized image for soft proofing, as well as hold, release or re-direct a job to the DPP 1200 printer/press.



Even more complex systems, like the one shown below, are typical in high-volume shops. In this system, a DPP 1200 *and* a high-resolution platesetter run under ECRM's powerful **WorkMates** software. WorkMates includes the RIPMate RIP, along with other software products for creating and administrating integrated prepress tools and applications, monitoring and controlling workflow through those tools and the RIP, and controlling final output to the DPP 1200 printer/press and the platesetter. WorkMates also allows remote client workstations to monitor and control many system operations.



System Specifications

DPP 1200 PRINTER

Refer to *DPP 1200 User Guide, AG50724*.

SYSTEM WORKSTATION

Refer to *ECRM WorkMates Getting Guide AG12333*.

System Set Up: An Overview

Here's an overview of what you'll do to set up the DPP 1200 system.

- Step 1** Unpack the DPP 1200 printer (details on page 5).
- Step 2** Unpack workstation(s), if ordered (page 5).
- Step 3** Secure CD's and set up documentation (page 6).
- Step 4** Install the DPP 1200 printer drivers (page 7).
- Step 5** Install RIPMate and optional software products, if ordered (page 13).
- Step 6** Install the DPP 1200 Printer plugin (page 15)
- Step 7** Enter passwords for the DPP 1200, ColorPro, and optional software, if ordered (page 16).
- Step 8** Install an ICC profile (page 19).
- Step 9** Configure the DPP 1200 device (page 22).
- Step 10** Complete and save a page setup (page 29).

Set Up Instructions

To set up the system, perform the procedures below in sequential order.

Setting Up the DPP 1200 Printer

- Step 1** Remove the printer shipping carton walls per the instructions on the box.
- Step 2** Locate the 12" x 18" Printer Set-up poster.
- Step 3** Unpack the printer per the poster instructions.

Setting Up the System Workstation

- Step 1** If the system includes a new ECRM workstation (an optional item), set it up per the instructions that came with it.
- Step 2** Ensure the workstation (new or old) is connected to the LAN.
- Step 3** Power up the workstation.

Securing System CDs and Set Up Documents

CDs

Two CDs come with the system. One, DPP 1200 CD P/N 50728, is in the printer shipping crate. The other, ECRM WorkMates CD SP50154, is in the “ECRM WorkMates” carton. Find both CDs now.

SET UP DOCUMENTS

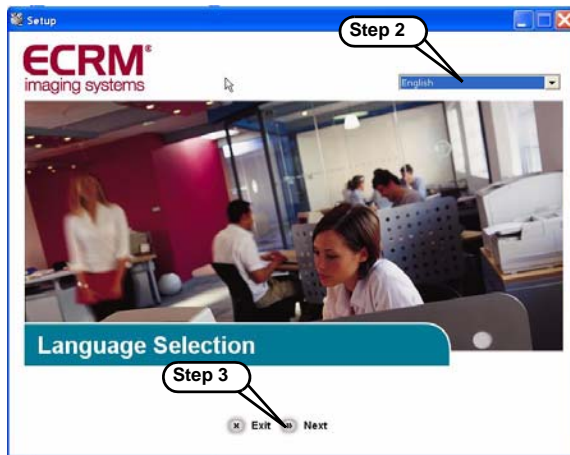
The documents listed below cover different aspect of setting up the system. Locate and assemble the documents now.

Note: Some are paper documents, whereas others are PDFs on CD. We recommend you print the PDFs or, alternatively, copy them to a laptop for viewing.

DOCUMENT TITLE	LOCATION		
	DPP 1200 CD SP50578	WorkMates DVD SP50154	PRINTER SHIPPING CARTON
DPP 1200 User Guide, AG50724	X	X	
Safety, Warranty & Regulatory Guide, 59410801 AG50725	X	X	X
DPP 1200 Printer Set Up Poster, 58407701 AG50726	X	X	X
DPP 1200 Supplies and Service Sheet, English, 59410901 AG50733	X	X	X
DPP 1200 System Set Up Guide, AG50727		X	
ECRM WorkMates for Windows Getting Started Guide, AG12333		X	
Plugin for ECRM DPP 1200 Printer, AG50729		X	
ColorMate (ColorPro) User's Guide, AG45129		X	
RIPMate for Windows User's Guide, AG12325		X	

Installing the DPP 1200 Printer Drivers

- Step 1** Insert the **DPP 1200 CD** into the CD-ROM drive and wait for it to autorun.
If the installer does not start automatically, click **Start > Run**, enter **E:\Setup** (where E is your CD-ROM drive) in the Open field, and then click **OK**.
- Step 2** In the Setup window, select the appropriate language
- Step 3** Click **Next >**.



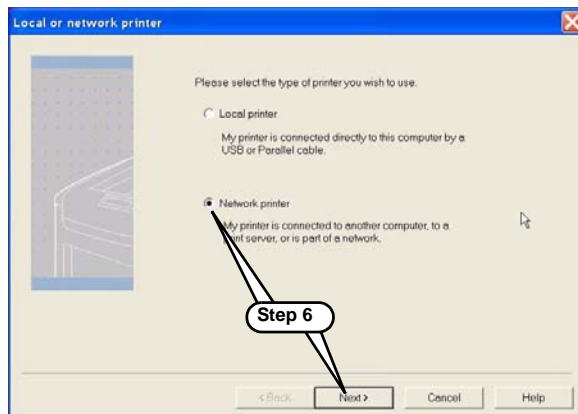
- Step 4** Accept the Software License Agreement by selecting **I Agree**.



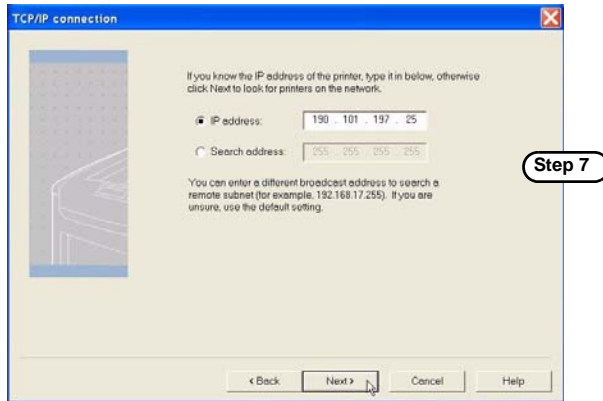
Step 5 In the Driver Setup window, select **Install Driver**.



Step 6 In the Local or network printer window, ensure **Network printer** is selected, and then click **Next**.

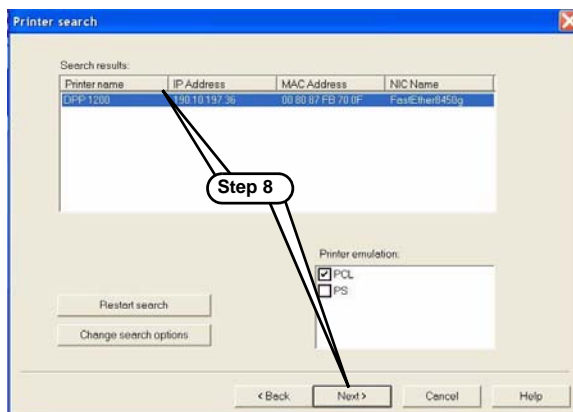


- Step 7** In the TCP/IP connection window, if you know the printer's IP address, select **IP address**, enter the address, click **Next >**, and then jump to Step 9. Otherwise, select **Search address:**, click **Next >** and continue with the next step.



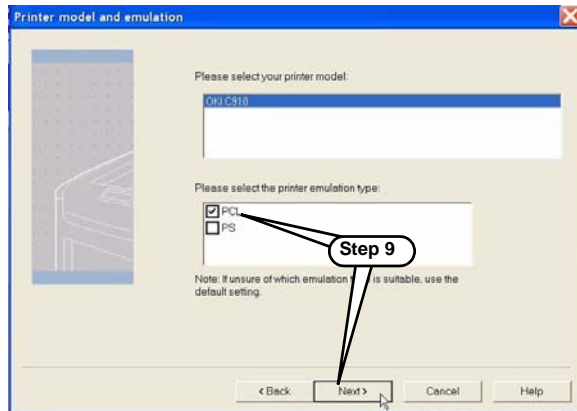
Note: A static address is recommended. If the LAN uses a DHCP server, ask the network administrator to configure the server to always assign the same IP address to the DPP 1200. Or, alternatively, configure the Windows Driver to use the printer name. See “Appendix C - Configuring the Windows Printer Driver” on page 51.

- Step 8** If the DPP 1200 is up and running on the LAN, the Printer search window opens and displays the name and IP address of the DPP 1200. Select the DPP 1200 and Click **Next >**. This automatically enters the IP address.

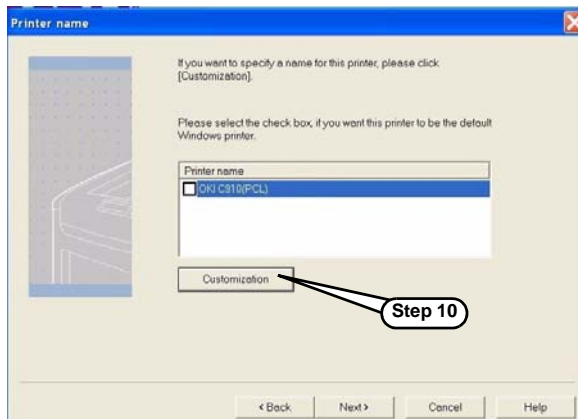


Set Up Instructions

- Step 9** In the Printer model and emulation window, ensure **PCL** is selected and click **Next >**.

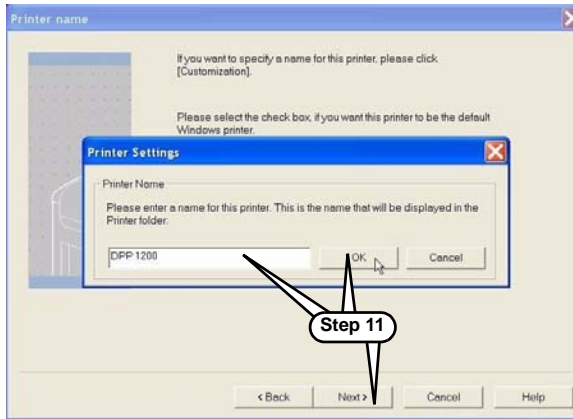


- Step 10** In the Printer name window, click the **Customization** button.

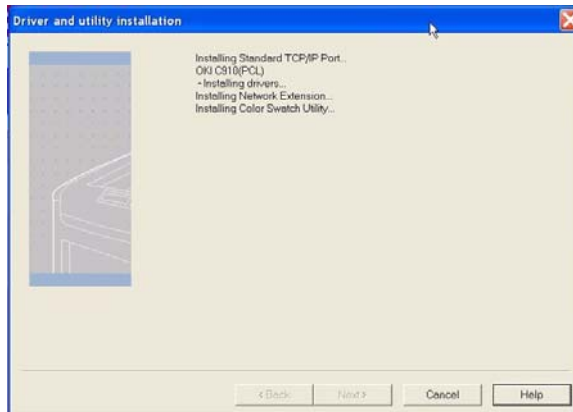


- Step 11** In the Printer Settings window, enter a name like DPP 1200, as shown below, click OK, and then click **Next >**.

IMPORTANT - To be valid, the name **MUST** include the three-letter word **DPP**.



Step 12 The Driver and utility installation window opens and traces the progress of the installation.

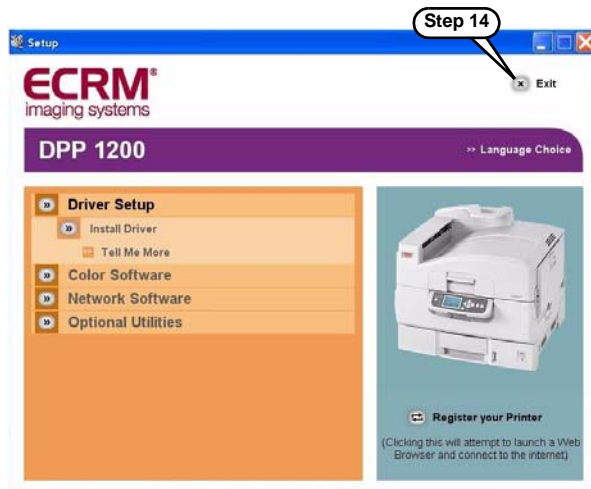


Set Up Instructions

Step 13 When the Installation complete screen appears, click **Finish**.



Step 14 Click **Exit**.



Installing RIPMate and optional ECRM Software Products

Note: If you are merely adding the DPP 1200 printer to an existing ECRM system running the latest RIP and you are not adding any optional WorkMates software, skip this section and continue with "Installing the DPP 1200 Printer Plugin" on page 15.

- Step 1** Keep the *ECRM WorkMates for Windows Getting Started Guide AG12333* handy for reference.
- Step 2** Locate ECRM WorkMates DVD SP50154, load it into the system workstation, and launch the **setup.exe** program.
- Step 3** When the splash screen opens, click on **Install Optional WorkMates Modules**.



- Step 4** Respond to prompts that are displayed. For details, refer to the *ECRM WorkMates for Windows Getting Started Guide*.
- Step 5** When the Select WorkMates component(s) to install window opens, select the appropriate installation option. For example,

for a basic DPP 1200 system select the top option as shown below; for a system that runs under RIPMate Plus, select the second option, etc.



Note: A sticker on the inside cover of the ECRM WorkMates for Windows Getting Started Guide lists optional software products. The products with a license number printed next to them are the ones that need to be installed.

Step 6 After you make a selection, click **Next >**.

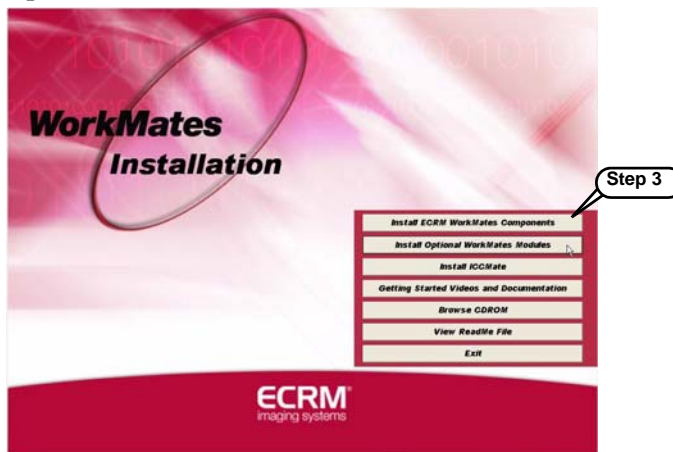
Step 7 Finish installing the RIP and/or optional software as explained in **INSTALLING RIPMATE AND WORKMATES** in the *ECRM WorkMates for Windows Getting Started Guide AG12333*.

about the Getting Started Guide

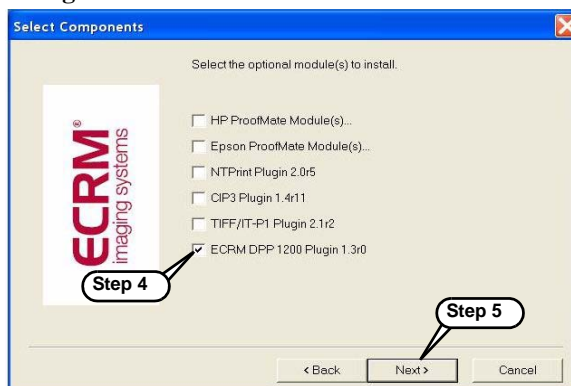
- The guide provides software installation instructions for a variety of ECRM output devices, not just the DPP 1200.
- Some procedures are for specific ECRM imagesetter and platesetters. Disregard those procedures.

Installing the DPP 1200 Printer Plugin

- Step 1** Keep the *ECRM WorkMates for Windows Getting Started Guide AG12333* handy for reference.
- Step 2** Locate ECRM WorkMates CD SP50154, load it into the system workstation, and launch the **setup.exe** program.
- Step 3** When the splash screen opens, click on **Install ECRM WorkMates Components**



- Step 4** When the Select Components window opens, select **ECRM DPP 1200 Plugin**.



- Step 5** Click **Next >** and finish installing the software as explained in the *ECRM WorkMates for Windows Getting Started Guide AG12333*.

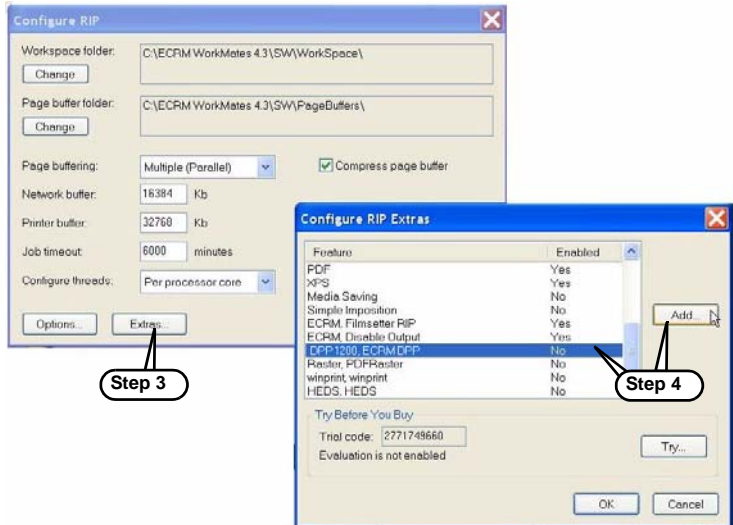
Entering Passwords into the RIP

- Step 1** Ensure RIPMate is running.
- Step 2** From the main menu bar, select **RIPMate > Configure RIP...**



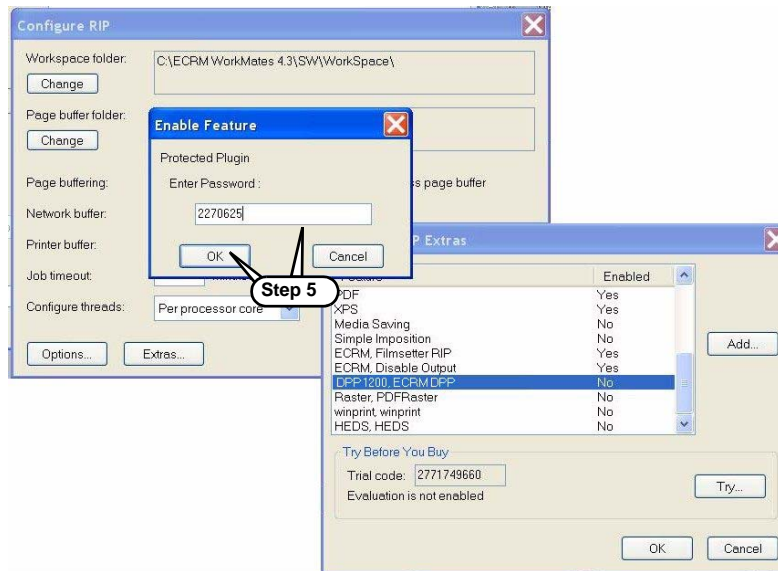
The Configure RIP window opens.

- Step 3** Click on the **Extras...** button. The Configure RIP Extras window opens.
- Step 4** In the scroll list, select **DPP 1200, ECRM DPP**, and then click the **Add...** button.



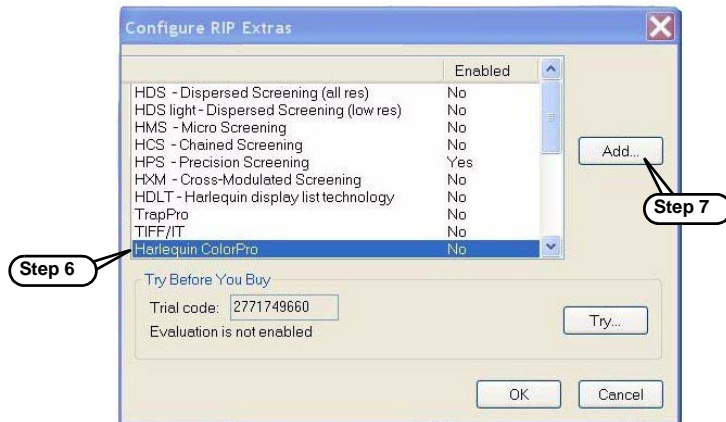
The Enable Feature window opens.

- Step 5** In the Protected Plugin panel, enter the DPP 1200 password (license number) printed on the sales order you received with the system, and then click **OK**.

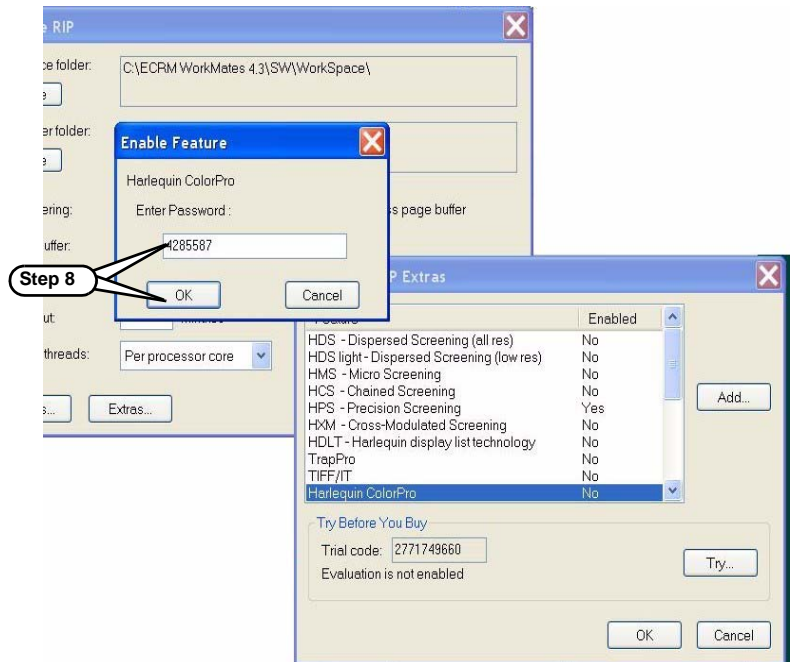


- Step 6** In the Configure RIP Extras window scroll list, select **Harlequin ColorPro**.

- Step 7** Click the **Add...** button.



- Step 8** When the Enable Feature window opens, enter the Harlequin ColorPro password printed on the sales order and then click **OK**. Then, click **OK** and **OK** to close the two other windows that are still open.



Installing an ICC Profile

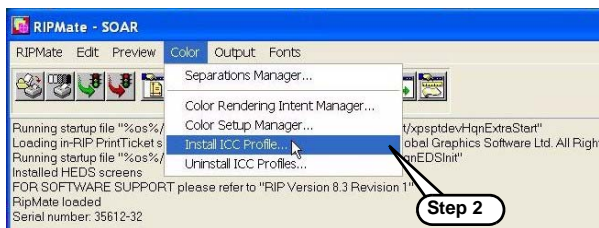
ICC profiles are used to achieve “good” color reproduction. For the purposes of getting started with your DPP 1200, you can choose one of three approaches. Choosing one approach does not preclude you from using a different approach later.

- If you do not have a spectrophotometer or you want to quickly get good quality color reproduction, use the ICC profile **DPP1200_Generic_1r2**. This profile includes basic calibration curves and produces good color quality.
- Alternatively, use the ICC profile **DPP1200_Generic_2r2**. This profile requires the printer be calibrated. You will need a spectrophotometer to perform the calibration.
- For the most accurate color reproduction, ECRM recommends you create ICC profiles for all your resolution/screening/media combinations. You will need ICC profiling tools to profile your configurations.

Here’s how to install an ICC profile.

Step 1 Ensure RIPMate is running.

Step 2 From the RIPMate main menu bar, select **Color > Install ICC Profile...**



Set Up Instructions

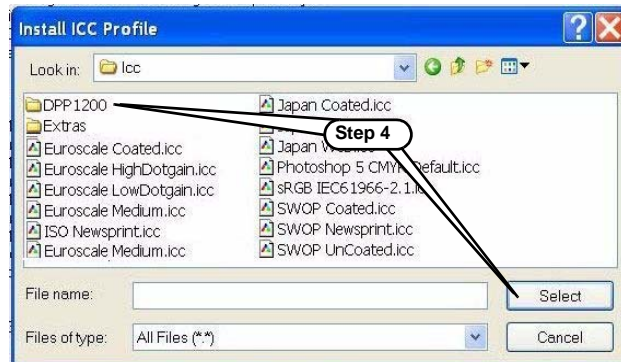
Step 3 In the Install ICC Profile window, double click on the folder named ICC.

Note: The ICC folder is in the RIP install folder.



The Look in: field at the top on the window is updated as shown in the next figure.

Step 4 Double click on the **DPP 1200** folder shown below,

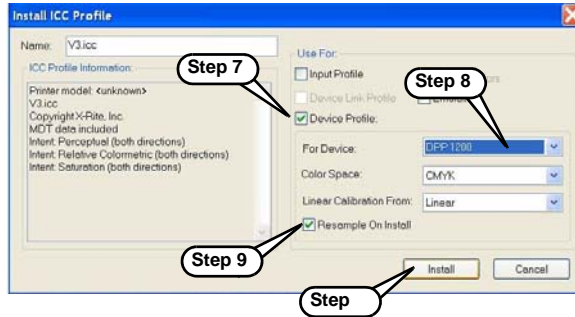


Step 5 In the **DPP 1200** folder window that opens, select a profile file; for example, **DPP1200_Generic_1r2.icc**.

Step 6 Click **Select**.

Step 7 The Install ICC Profile window opens with the file you just selected displayed in the Name: field.

Check the **Device Profile:** box.



Step 8 From the For Device: pull down list, select **DPP 1200**.

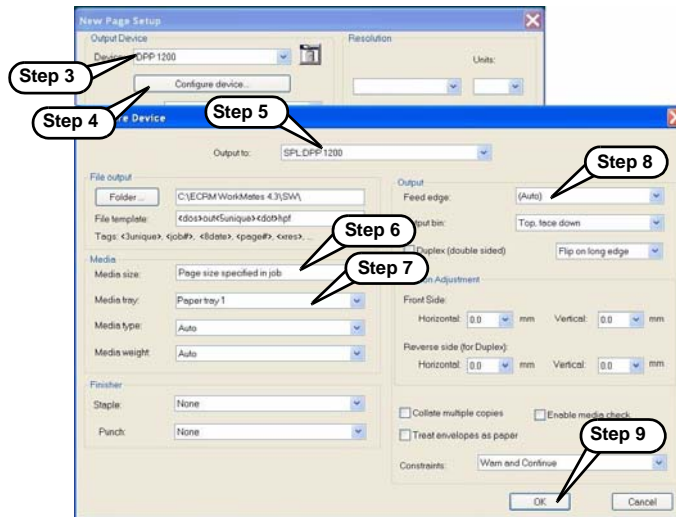
Step 9 Check the **Resample On Install** box.

Step 10 Click the **Install** button.

Configuring a Device

- Step 1** From RIPMate's main menu, select **RIPMate > Page Setup Manager**.
- Step 2** Click **New...**
- Step 3** In the New Page Setup window Device: pull down, select **DPP 1200**.
- Step 4** Click on the **Configure Device** button. The Configure Device window opens.
- Step 5** From the Output to: pull-down list, select **SPL:DPP 1200**. This is the name we gave the printer earlier, when we installed the driver.

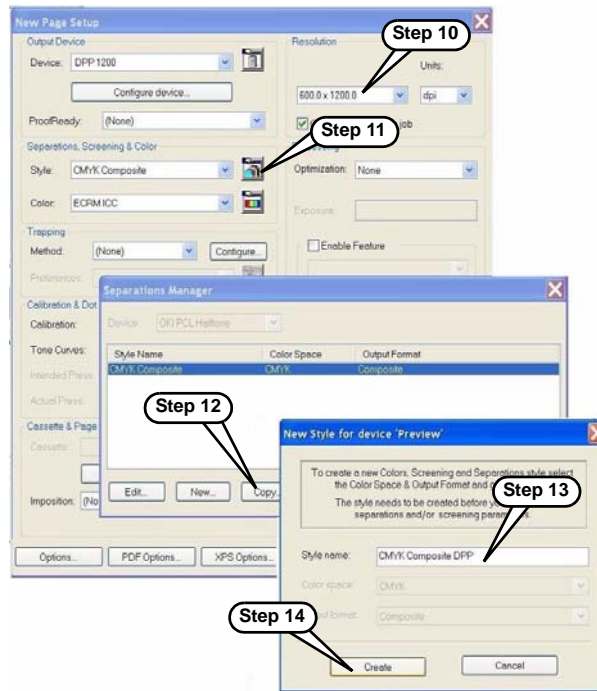
Note: If "File" is the only option listed in the pull-down list, the software can't find the DPP 1200 printer on the network.



- Step 6** For Media size: select **Media size & Feed edge** from Page Layout
- Step 7** For Media tray: select **Paper tray 1**.
- Step 8** Under Output, in the Feed edge pull-down, select **(Auto)**.

Note: Refer to *Plugin for ECRM DPP 1200 Printer, AG50729* for more about these device parameters.

- Step 9** Click **OK**. This configures the device and closes the Configure Device window.
- Step 10** In the Resolution pull-down, select **600 x 1200**.
- Step 11** Click on the graphic beside the Separations, Screening & Color Style: pull-down menu. The Separations Manager window opens.
- Step 12** In the Separations Manager window, select **CMYK Composite** and then click on the **Copy...** button.
- Step 13** In the New Style for device... window, enter a descriptive style name, like **CMYK Composite DPP**, for example.
- Step 14** Click the **Create** button. The New Style for device... window closes and the Edit Style window opens.

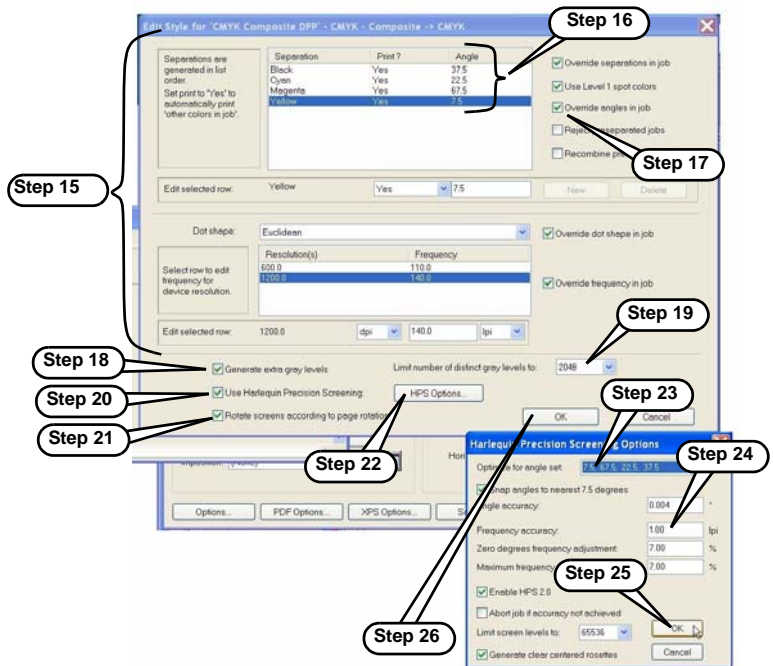


Set Up Instructions

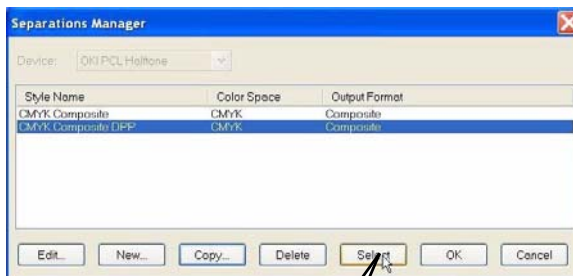
- Step 15** In the **Edit Style** window, configure the separation parameters, dot shape, resolution and screen frequencies you want.

The following are suggested setting combinations:
Euclidean dot at 200 lpi for either dpi.
Rhomboid dot at 200 lpi for either dpi.

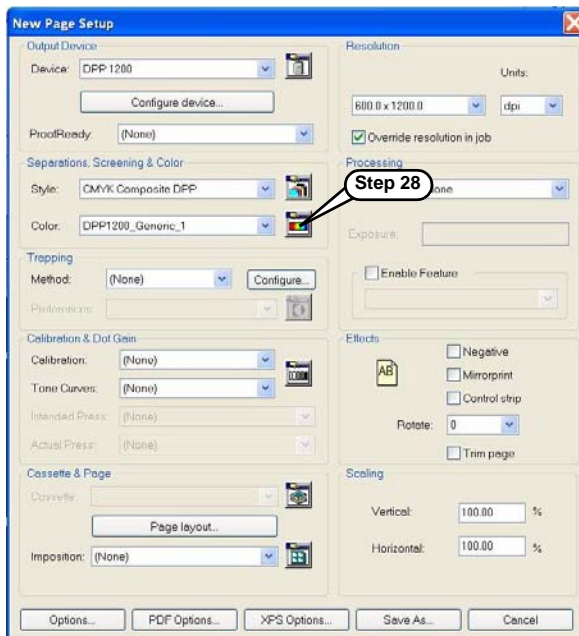
- Step 16** Set separation angles as follows:
Black (K) = 37.5, Cyan (C) = 22.5, Magenta (M) = 67.5, Yellow (Y) = 7.5
- Step 17** Check the **Override angles in job** box.
- Step 18** Check the **Generate extra gray levels** box.
- Step 19** For **Limit number of gray levels to:** select **2048**.
- Step 20** Check the **Use Harlequin Precision Screening** box.
- Step 21** Check the **Rotate screens according to page rotation** box.



- Step 22** Click the **HPS Options...** button.
- The Harlequin Precision Screen pops open.
- Step 23** In the **Optimize for angle set** pull down menu, select the **7.5, 67.5, 22.5, 37.5** set.
- Step 24** Set **Frequency Accuracy** to **1.0**.
- Step 25** Click **OK** to select the set and close the HPS Options window.
- Step 26** Ensure **ALL** the settings in the **Edit Style** match those shown in figure above, and then click **OK** to save the settings and close window.
- Step 27** In the **Separations Manager** window, click **Select**.

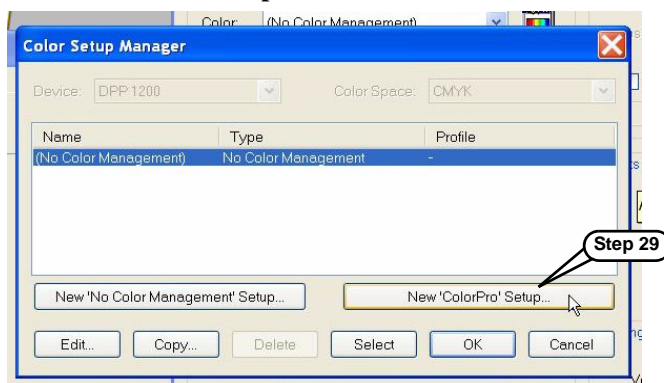
**Step 27**

- Step 28** In the New Page Setup window, click on the graphic beside the Separations, Screening & Color: pull-down menu.



The Color Setup Manager window opens.

- Step 29** Click the **New ColorPro Setup...** button.



The New Color Setup: window opens.

Step 30 For CMY< data select **GRACol_2006_Coated1v2** from the pull-down.

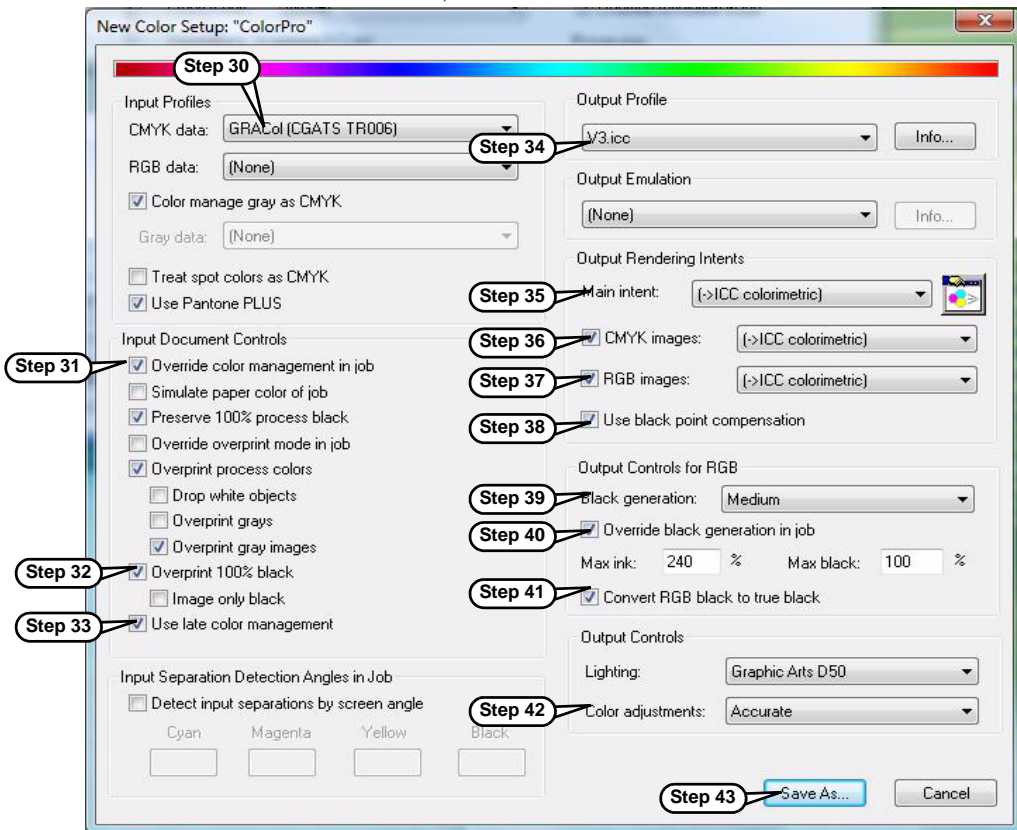
Note: If you print using other standards such as SWOP or FOGRA, select these in this popup.

Step 31 Check the **Override color management in job** box.

Step 32 Check the **Overprint 100% black** box.

Step 33 Check the **Use late color management** box.

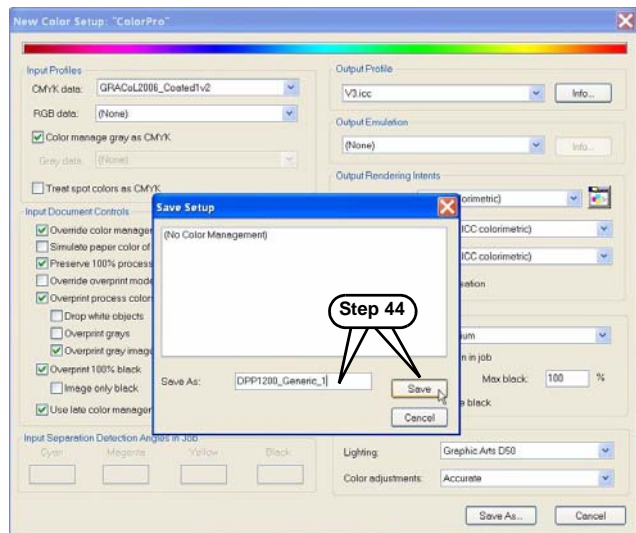
Step 34 For Output Profile, select **V3.icc** from the pull-down. (This is the DPP1200_Generic_1r2.icc we set on page 21. You may have selected a different name.)



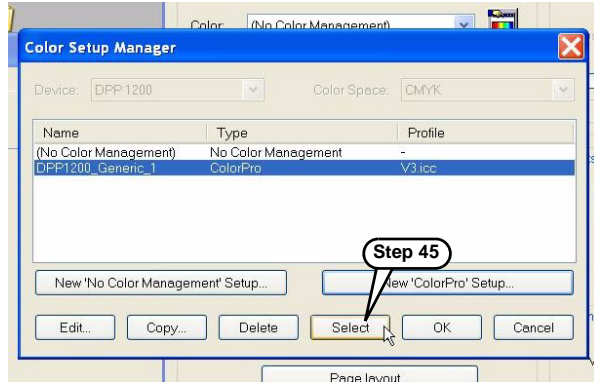
- Step 35** For Main intent: select (->**ICC Colorimeter**) from the pull-down.
- Step 36** Check the **CMYK images:** box, and then (->**ICC Colorimeter**) from the pull-down.
- Step 37** Check the **RGB images:** box, and then (->**ICC Colorimeter**) from the pull-down.
- Step 38** Check the **Use black point compensation** box.
- Step 39** For **Black generation:** select **Medium** from the pull-down.
- Step 40** Check the **Override black generation in job** box.
- Step 41** Check the **Convert RGB black to true black** box.
- Step 42** For **Color adjustments:** select **Accurate** from the pull-down.
- Step 43** Ensure **ALL** settings are as shown above, and then click **Save As...**

The Save Setup window opens.

- Step 44** In the Save Setup window, enter the **DPP1200_Generic_1** as the setup name, and then click **Save**. This saves the setup and opens the Color Setup Manager window.



- Step 45** In the Color Setup Manager window, select the DPP1200_Generic_1 setup, and then click **Select**. This selects the setup and closes the window, leaving the New Page Setup window open.



Completing/Saving Page Setup

The New Page Setup window reflects the setup parameters have created so far. You will now define page layout parameters, and then save the page setup.

There are several things that must be considered to properly position the image on the media. They are,

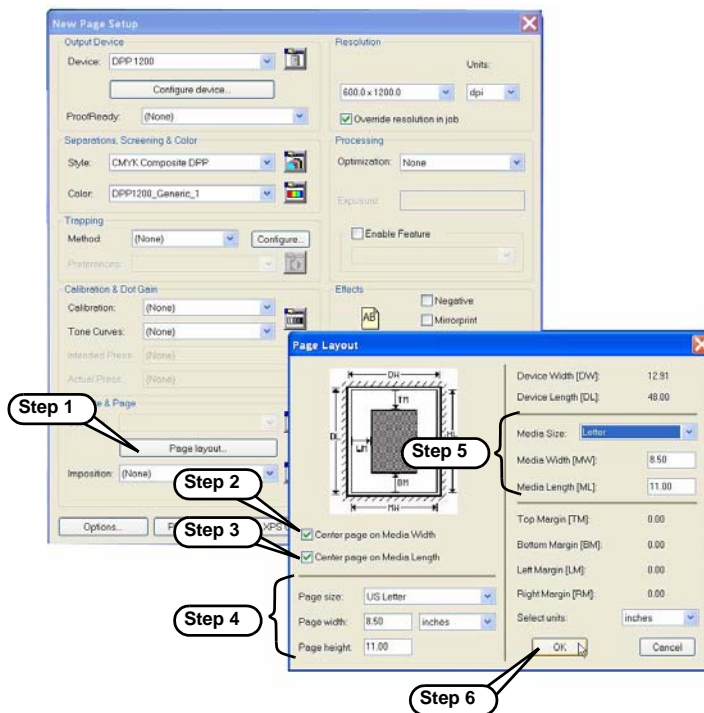
- Position of the media in the tray (Landscape, Portrait)
- Size of media in the tray
- Feed edge: selection in the Configure Device dialog (Short Edge, Long Edge)
- Media Width and Media Length (as fed through the printer) in the Page Layout dialog

To complete and save the page setup:

- Step 1** Click the **Page layout...** button.
- Step 2** Check center page on Media Width.
- Step 3** Check center page on Media Length.

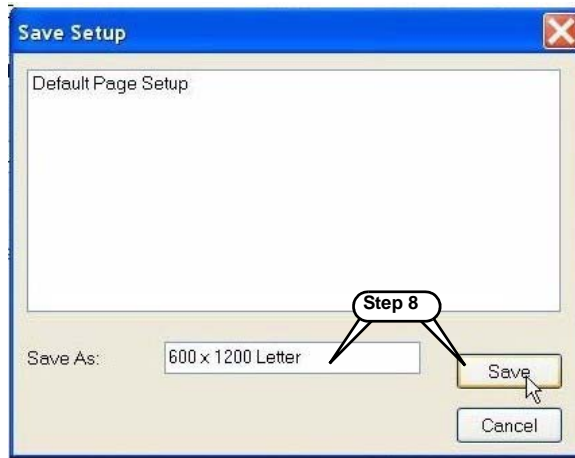
Set Up Instructions

- Step 4** Set Page size, width, and height (e.g., **US Letter, 8.5"** and **11"**).
- Step 5** Set Media size, width, and height (e.g., **Letter, 8.5"** and **11"**).
- Step 6** Click **OK**.



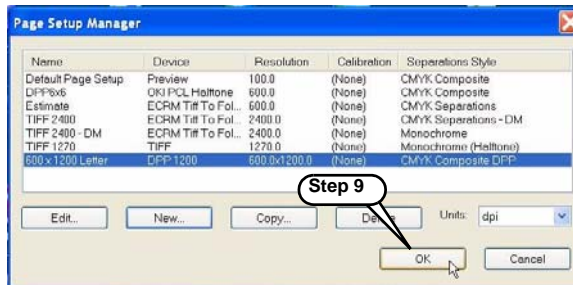
- Step 7** In the New Page Setup window click the **Save As...** button.

- Step 8** In the Save Setup window, give the setup a name (e.g., **600 x 1200 Letter**), and then click **Save**.



The Page Setup Manager window shown below opens.

- Step 9** Click **OK** to close the dialog.



Calibration

Calibration Using the Genlin Utility

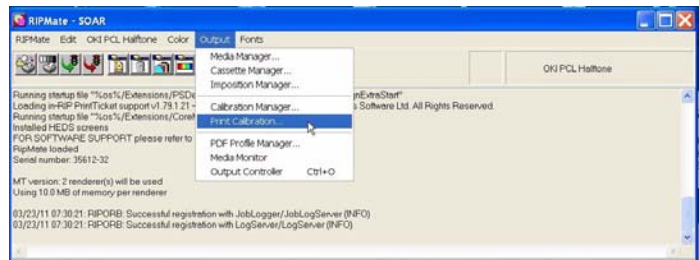
If you selected the **DPP1200_Generic_1** ICC profile in “Installing an ICC Profile” on page 19, you may not need to perform this calibration because DPP1200_Generic_1 includes a basic calibration.

Otherwise, you should perform a calibration like the one described below for every resolution/screening/media combination you use in a Page Setup.

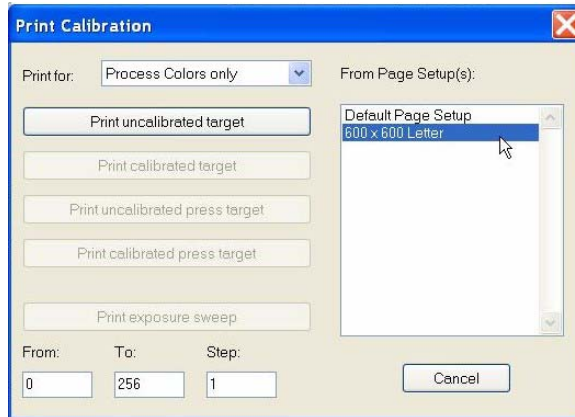
WorkMates includes a **Genlin** utility that supports automatic importation of calibration test target values from an X-rite color measurement system.

The procedure that follows explains how to use Genlin to perform a calibration with an X-rite i1|PRO model spectrophotometer.

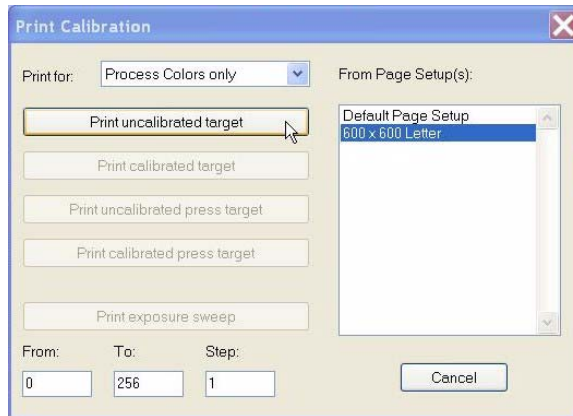
- Step 1** Ensure the DPP 1200 printer is running.
- Step 2** Make sure the Output Controller Disable Output box is not checked.
- Step 3** From the RIPMate main menu, select **Output > Print Calibration...**



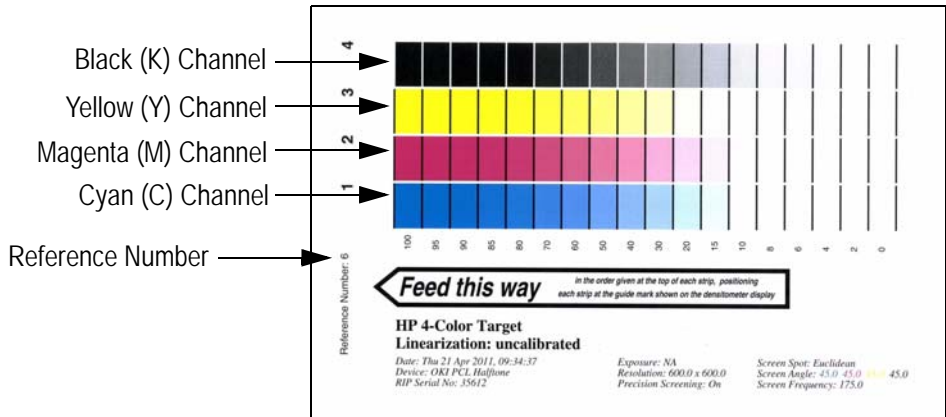
- Step 4** In the Print Calibration window, select the page setup to be calibrated. For example, the **600 x 600 Letter** shown below.



- Step 5** Click the **Print Uncalibrated Target** button. This causes the DPP 1200 to print out an uncalibrated calibration test target for the selected page setup.



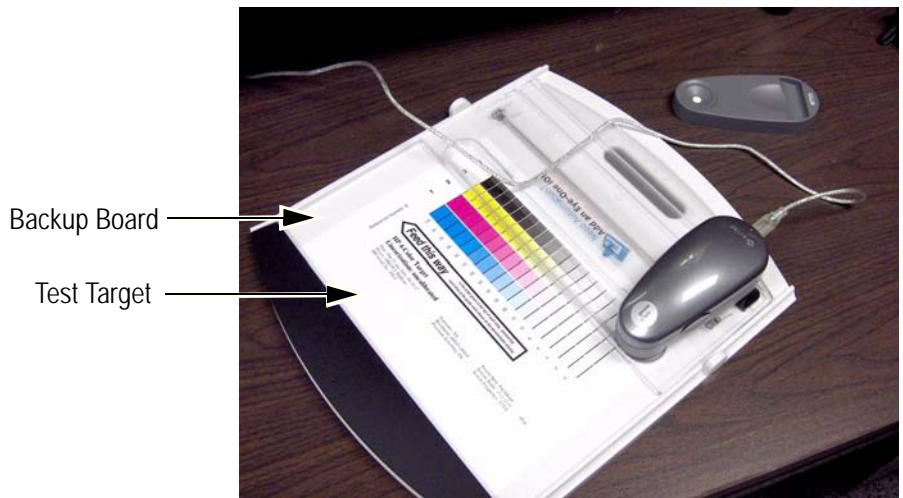
Step 6 At the DPP 1200 printer, get the uncalibrated test target (see below).



Step 7 Take the test target to the workstation.

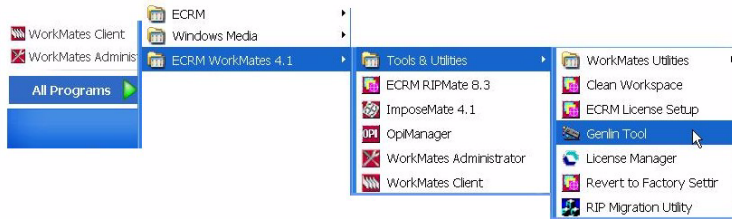
Step 8 Set up the X-rite i1|PRO spectrophotometer system as explained in the *X-rite Set Up Guide*, and connect it to the DPP 1200 workstation.

Step 9 Lock the calibration test target in the system backup board as shown below.



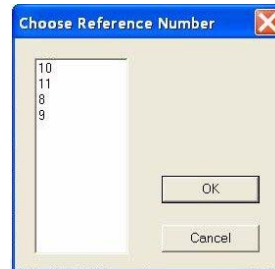
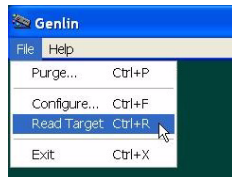
Step 10 At the workstation, select:

All Programs > WorkMates 4.1 > Tools & Utilities > Genlin Tool.



Step 11 In the Genlin window, select: **File > Read Target** (see next figure, left).

Step 12 In the Choose Reference Number dialog (below, right) select the reference number that matches the reference number printed on the test target and then click **OK**.



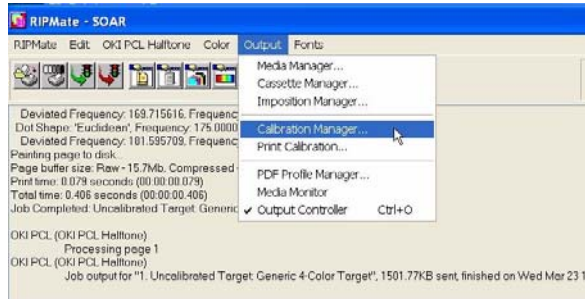
Step 13 Wait for the Read Target window to open. When it does, click **OK**.

Step 14 Follow the prompts that appear on the monitor to use the i1 Pro system to scan in the C, M, Y, and K channels on the test target. (Refer to the i1 PRO user manual for details).

Step 15 When you finish measuring the test target, click **OK**.

At this point, Genlin has created a data file containing all the linearization data for the target, which you can import into the RIP. (The file is named import and is located in the caldata folder within the RIP SW folder.)

Step 16 From the RIPMate main menu, select **Output > Calibration Manager...**



Step 17 In the Calibration (Dot Gain) Manager window,

- from the Device : menu, select OKI PCL Halftone,
- from the Color Space : menu: select CMYK.

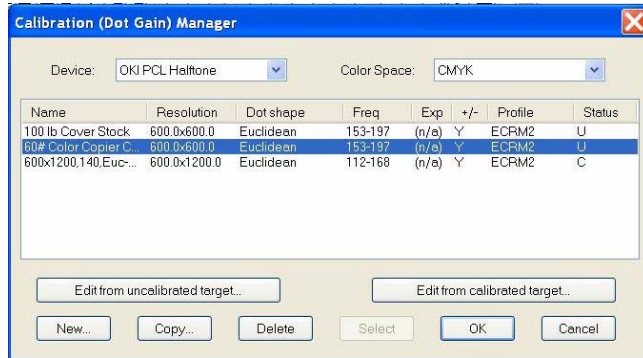


The next action depends on whether you are updating an existing calibration set or creating a new one.

- If you are updating an existing calibration set, continue with “Updating an Existing Calibration Set” below.
- If you are creating a new calibration set, continue with “Creating a New Calibration Set” on page 39.

UPDATING AN EXISTING CALIBRATION SET

- Step 1** In the Name column, select the calibration set to be updated. It should be the calibration set used in the Page Setup used to print the uncalibrated target.
- Step 2** Click the **Edit from uncalibrated target...** button. This causes the Edit Calibration Dialog to open.



- Step 3** The window opens displaying the information about the exiting calibration set.
- Click the **Import** button at the bottom of the window. This causes the exiting set of calibration curves to be replaced by the new set of curves you just acquired using the Genlin utility.

Step 4 Click the **OK** button to save the updated calibration set.

Edit uncalibrated target for OKI PCL Halftone

Warning Criteria:

Profile:

☒ Resolution:

☒ Dot shape:

☒ Screen freq: -

☐ Exposure:

☒ Use for Pos & Neg

Name: Channel:

Measurements as: ☐ Negative media

☒ Force solid colors

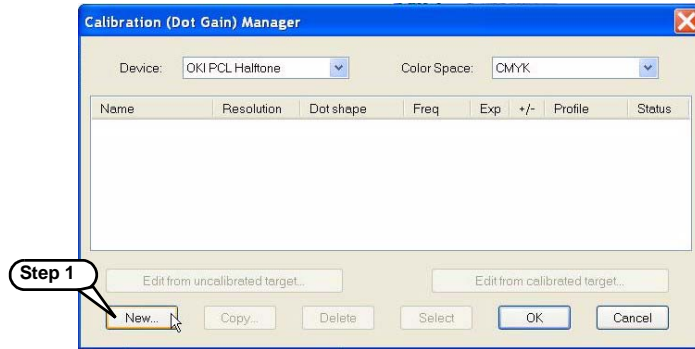
K100	K95	K90	K85	K80	K70	K60	K50	K40	K30	K20	K15
100.00	99.97	99.87	99.77	99.41	96.34	91.78	85.97	76.05	60.42	42.39	30.76
K10	K8	K6	K4	K2	K0						
19.09	14.82	11.25	7.66	3.95	0.00						

Buttons: Smooth, Extrapolate, Clear, Reset, Import, OK, Cancel

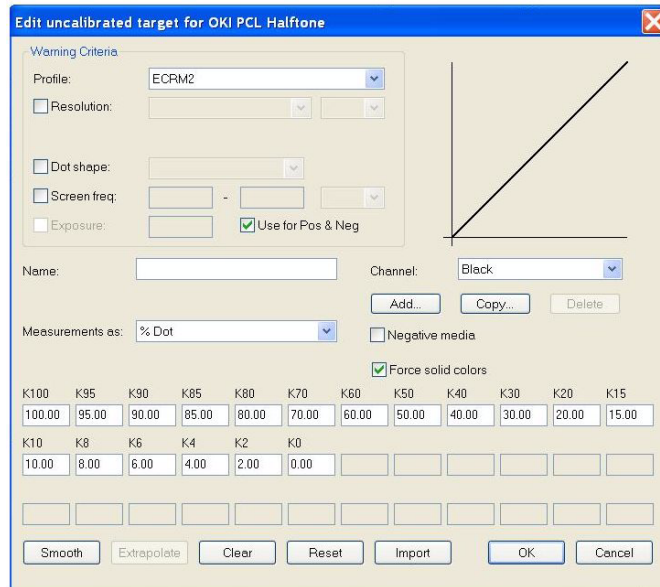
Step 5 Continue with “Applying the Calibration Set to a page setup” on page 42.

CREATING A NEW CALIBRATION SET

- Step 1** At the lower left corner of the Calibration (Dot Gain) Manager window, click the **New...** button.

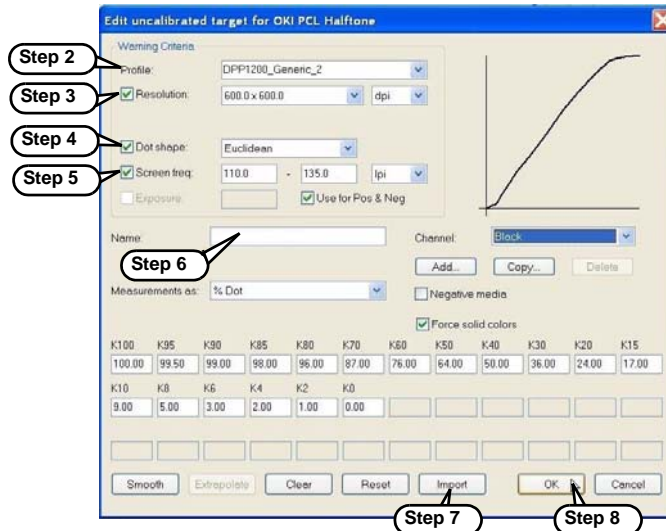


This causes a blank Edit uncalibrated target... window like the one shown below to open.



- Step 2** In the Edit uncalibrated target... window, from the Profile: pull-down list select a profile, e.g., the **DPP1200_Generic_2** profile.

- Step 3** Check the Resolution box and select the resolution used to print the test target from the pull-down menus to the right.
- Step 4** Check the Dot shape: box and select the dot shape used to print the test target from the pull-down menus to the right.
- Step 5** Check the Screen freq: box and enter a screen frequency range in the fields to the right.

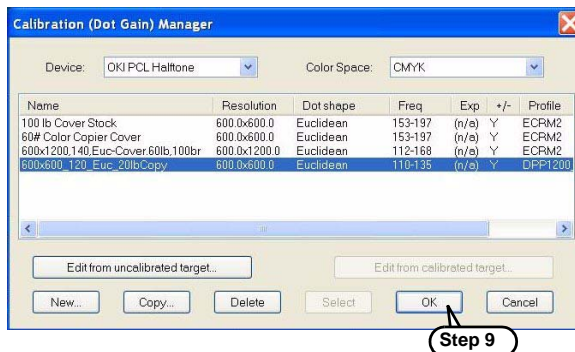


- Step 6** In the Name : window, enter a name for the new calibration set you are creating. We recommend the name reflect the following attributes of the set:
- Resolution
 - LPI
 - Dot Shape
 - Media

For example, if the calibration set is for a target printed at 600 x 600 dpi, at a line frequency of 120, with a Euclidean dot, on 20lb copy

paper, we recommend a name like 600x600_120_ Euc_20lbCopy.

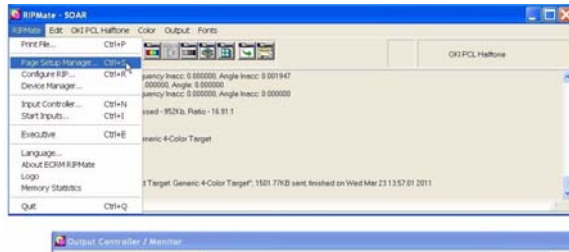
- Step 7** Click the **Import** button at the bottom of the window. This causes the calibration set you are creating to have the set of calibration curves you just acquired using the Genlin utility.
- Step 8** Click the **OK** button at the bottom of the Edit uncalibrated target... window.
- Step 9** The Edit uncalibrated target... window closes, and the Calibration (Dot Gain) Manager window opens and displays the name of the calibration set you just created. Click the **OK** button. This saves the calibration set and closes the window.



We'll now apply the new calibration to a page setup.

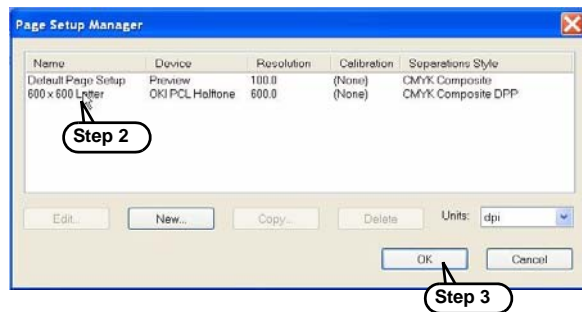
APPLYING THE CALIBRATION SET TO A PAGE SETUP

- Step 1** From the RIPMate main menu, select **RIPMate > Page Setup Manager...**



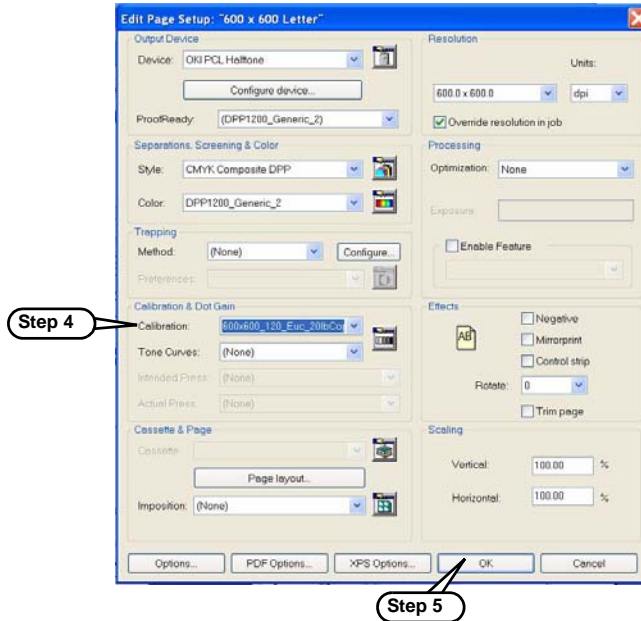
- Step 2** In the Page Setup Manager window, select the page setup you will link the calibration to. Our page setup is **600 x 600 Letter**.

- Step 3** Click **OK**.



Step 4 The Edit Page Setup: window opens.

From the Calibration: pull-down list, select the desired calibration set (e.g., **600x600_120_Euc_20lbCopy**, as shown below.)



Step 5 Click the **OK** button. This configures the page setup for the selected calibration and closes the Edit Page Setup: window.

Troubleshooting

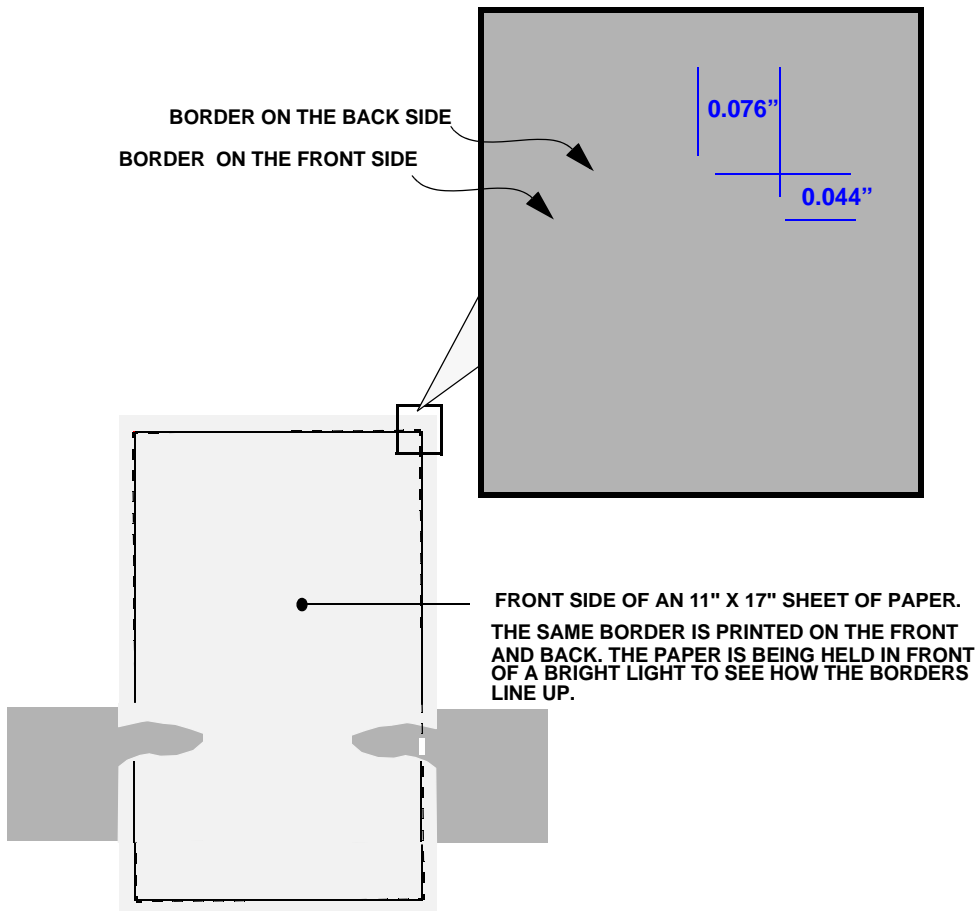
Refer to the last chapter of the *DPP 1200 User Guide, AG50274*. It has over 30 pages of troubleshooting information.

Printer Menus

Refer to the last 10 pages *DPP 1200 User Guide, AG50274* for the printer menus and examples of how to use them.

Front/Back Alignment Procedure

The procedure that follows is for correcting front-to-back registration problems that can occur when a job is printed duplex. In some cases, when the printer turns the sheet over to be printed on the other side, slight skewing occurs causing the image that is then printed on the second side to be slightly misaligned with the image on the other side, as shown in this example.



Front/back Alignment Procedure

Use file .../Documentation/DPP 1200/Test
Jobs/Box_11x17_2Page.pdf or Box_8.5x11_2Page.pdf, depending on
the size media you have. The 11x17 page has a 10x16 inch box on it.

ADJUST PAGE X, Y POSITIONING

- Step 1** Load 11x17" copier paper in the MPT Tray (as square as possible).
- Step 2** Open Box_11x17_2Page.pdf in a runlist.
- Step 3** Select a DPP Page Setup that will output a 11x17" page to the MPT Tray.
- Step 4** Hold the Output.
- Step 5** Print the job.
- Step 6** In the RIP Mate View right click and select output.
- Step 7** Uncheck Page 2 (only output Page 1)
- Step 8** Output the page.
- Step 9** Reload the printed sheet of paper in the MPT Tray printed side down, using the same lead edge (as square as possible).
- Step 10** Output only Page 2.
- Step 11** Now hold the paper to the light (Page 1 facing you) and look at the distance between the position of the top left corners (looking through the paper to see the back side).
- Step 12** Enter ½ the distance for X and for Y in the X,Y offset in the printer control panel.
Menus-System Adjust-Print Position Adjust-X Adjust, and Y Adjust
- Step 13** Rerun and look at results.
- Step 14** Adjust as necessary to optimize the placement.

Adjust Page X, Y Positioning

- Step 1** Perform the *Adjust Page X, Y Positioning* procedure above.
- Step 2** In the RIPMate View, Right Click and Select Output.
- Step 3** Select Duplex.
- Step 4** Output both Pages duplexed.
- Step 5** Hold the sheet to the light Page 2 on top, and look at the distance between the position of the top left corners.
- Step 6** Enter the distances for X and for Y in the Duplex X,Y offset in the printer control panel (moving Page 2).
Menus-System Adjust-Print Position Adjust-Duplex X Adjust, and Duplex Y Adjust.
- Step 7** Rerun and look at the results.
- Step 8** Adjust as necessary to optimize the placement.

Thick Media Adjustment

This procedure adjusts the printer to handle and image on thick media.

If you are using relatively thick media and you are seeing mis-registration toward the end of the media, you may be able to improve registration by using the **Heavy Media Adjust** selection in the DPP 1200 control panel.

Select **Calibration > Heavy Media Adjust**.

The selection range is as follows:

Off, -5, -4, -3, -2, -1, 0, +1, +2, +3, +4, +5

The settings adjust the fusing speed for printing on heavy media.

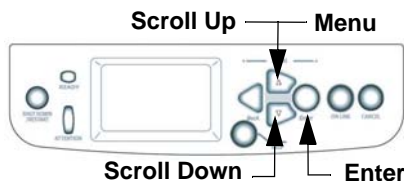
Off automatically adjusts the speed.

A value other than **Off** adjusts the speed based on the adjustment value that has been set. The speed can be adjusted from -0.5% to +0.5% in 0.1% increments.

Appendix A - Network Summary Printout

To print out a network summary report, proceed as follows.

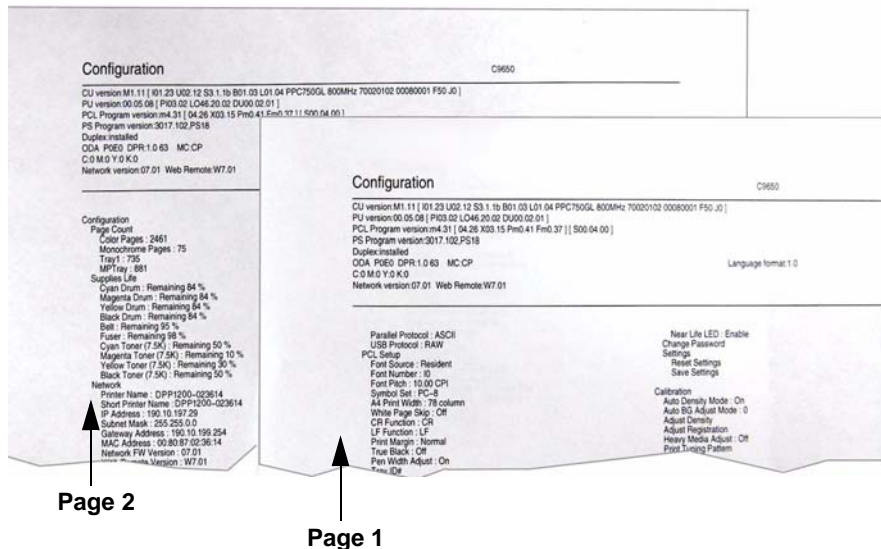
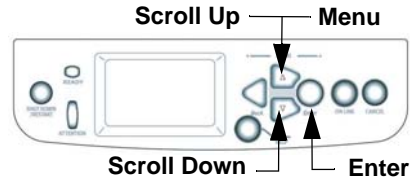
- Step 1** Power up the printer
- Step 2** Press the control panel MENU button.
- Step 3** In the Functions menu, scroll down to Print Information, and then press the ENTER button.
- Step 4** In the Print Information menu, scroll down to Network and press the ENTER button.
- Step 5** When Execute appears on the display, press the ENTER button. A few seconds later, the DPP 1200 will print a 2-page “Network Information” report that includes:
- Printer Information
 - General Information
 - TCP/IP Configuration
 - NetWare Configuration
 - EtherTalk Configuration
 - NetBEUI Configuration
 - Email Configuration
 - SNMP Trap Configuration
 - IPP Configuration
 - Time/SNTP Configuration
 - IEEE802.1X Configuration
 - Security
 - Maintenance



Appendix B - Configuration Printout

To print out a system configuration report, proceed as follows.

- Step 1** Power up the printer
- Step 2** Press the control panel MENU button.
- Step 3** In the Functions menu, scroll down to Print Information, and then press the ENTER button.
- Step 4** In the Print Information menu, select Configuration and press the ENTER button.
- Step 5** When Execute appears on the display, press the ENTER button.
A few seconds later, the DPP 1200 will print a 2-page "Configuration" report.



Appendix C - Configuring the Windows Printer Driver

To configure the Windows Driver to reference the DPP 1200 by its network printer name rather than its IP address, proceed as follows.

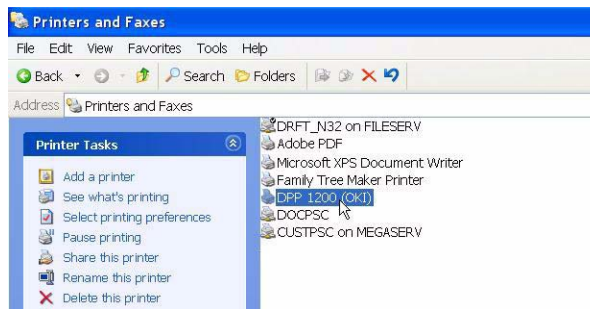
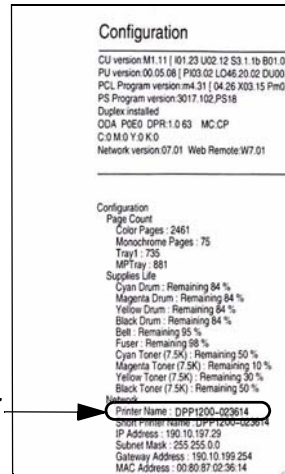
Step 1 Print out a system configuration report per “Appendix B - Configuration Printout” on page 50.

Step 2 On page two of the report, find the “printer name” and circle it for future reference (see figure at right).

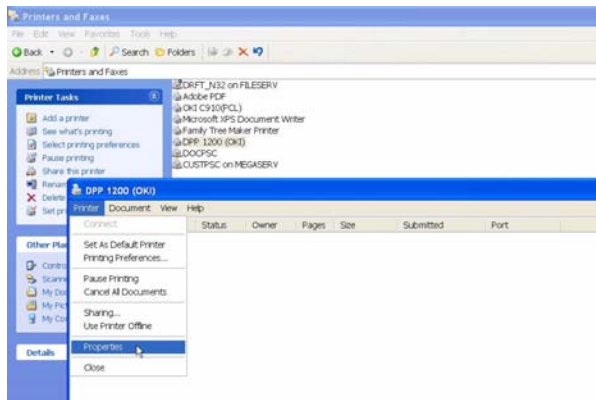
Step 3 At the workstation, choose **Start > Control Panel > Printers and Faxes**.

Step 4 In the Printers and Faxes window, select the DPP 1200 printer. Its name may or may not match the “DPP 1200 (OKI)” name shown in the example below.

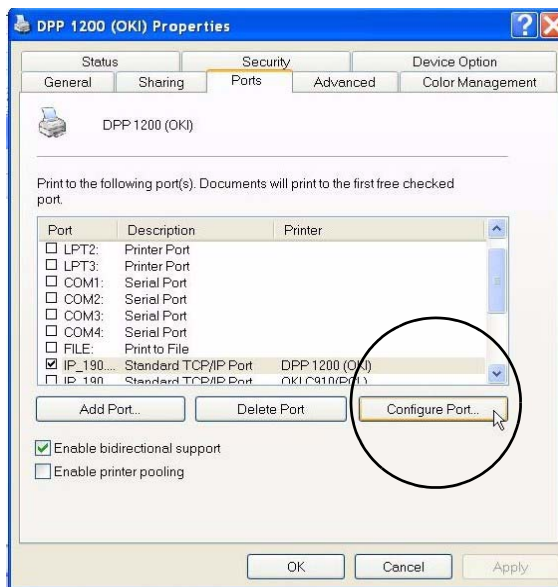
Printer Name



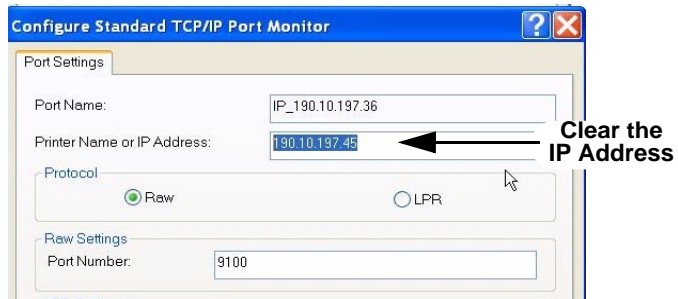
- Step 5** In the Printer window, from the Printer pull-down menu select Properties, as shown below.



- Step 6** In the printer Properties window, select the ports tab for the DPP 1200 printer, and then click the **Configure Port...** button.

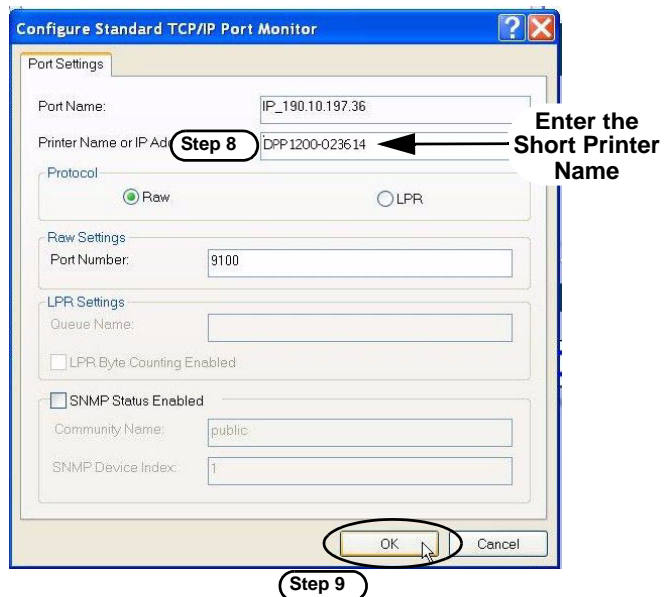


- Step 7** In the Configure Standard TCP/IP Port Monitor window, clear the IP address from the Printer Name or IP Address: window.



- Step 8** In the Printer Name or IP Address window: enter the printer name you circled in the Configuration report. For us, it was the DPP1200-023614 shown below.

- Step 9** Click **OK**. This configures the DPP 1200 Windows printer driver to “see” the DPP 1200 printer by its name, rather than its IP address.



- Step 10** Close other windows that are still open.

